#### McDONNELL DOUGLAS CORPORATION ST. LOUIS, MISSOURI TRACT V

#### ATTACHMENT A (continued)

Form OP - D05 Compliance Determination Methods

10 CSR 10-5.030 Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used For Indirect Heating

## "Existing" Sources (continued)

Similarly, if the boilers and other miscellaneous equipment are operated on fuel oil, the same compliance approach applies. The following table (Table D05-2) demonstrates via comparison that the PM emission limit determined for McDonnell Douglas' "existing" sources is higher than the AP-42 emission rate for fuel oil (and natural gas) combustion. Thus, all "existing" fuel oil combustion units will also be in compliance at all times.

10 CSR 10-5.030 (3)(B)2.

For "New" Sources:

Boilers, Space Heaters, and Misc. Combustion Equipment

(NG and FO)

(The AP-42 emission factors were used as the method to demonstrate a "one-time" compliance determination with the PM emission limits developed per 10 CSR 10-5.030.)

Per 10 CSR 10-5.030 (3)(B)2., each "new" indirect heating source has a PM emission limit determined by E=0.80 Q<sup>-0.301</sup>, where Q= the total heat input of all "new" and "existing" indirect heating sources. The total Q for McDonnell Douglas' "new" and "existing" indirect heating sources is 142 MMBtu/hr and the calculated PM emission limit is 0.18 lb/MMBtu. Compliance of each source with this limit is demonstrated in Table D05-2 using the same approach described above.

Additional monitoring or record keeping (for all indirect heating sources) beyond this initial demonstration is not necessary on the part of the facility.

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## MCDONNELL DOUGLAS CORPORATION

St. Charles, Missouri Tract V

## Table D05-2: COMPLIANCE DETERMINATION 10 CSR 10-5.030,

Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating

(Worst Case Scenario Assuming All Sources are Indirect Heating)

EIO BOINT	EMISSION UNIT	(WOISt Case Scenario A.		T RATING (Q)	PM EMISSION (lb/MI		AP-42 Emission	AP-42 Emission
EIQ POINT	EMISSION UNIT		Existing Sources	New Sources	Existing Sources	New Sources	Factor for PM	Factor for PM
NUMBER	NUMBER	DESCRIPTION:	(Installed before Feb.	(Installed after Feb.	0.160	A 301	Natural Gas	Fuel Oil
		DESCRIPTION	15, 1979)	15, 1979)	E=1.09Q-0.259	E=0.80Q <sup>-0.301</sup>	(Ib/MMBTU)	(Ib/MMBTU)
CS-STC-01	CS-STC-01A	Boiler (Loop 23)	6.00	N.A.	0.42	***	0.012	
CS-STC-01	CS-STC-01A	Boiler (Front Office)	4.19	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	Make-up Air Unit #47 (Cafe)	2.11	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	Unit Heater #5 (Col. M-17)	1.25	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	Make-up Air Unit Paint Booth	2.00	N.A.	0.42	***	0.012	
CS-STC-01	CS-STC-01A	5 Radiant Heaters (Shipping Dock) (0.05 MMBtu/hr ea.)	0.25	N.A.	0.42			
CS-STC-01	CS-STC-01A	AHU #11 Fan (Room 4)	0.98	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	AHU #12 Fan (Room 5)	0.20	N.A.	0.42		0.011	
CS-STC-01	CS-STC-01A	AHU #13 Fan (Room 6)	0.40	N.A.	0.42	***	0.012	
CS-STC-01	CS-STC-01A	AHU #16 Fan (Room 7)	0.40	N.A.	0.42	***	0.012	
CS-STC-01	CS-STC-01A	AHU #17 Fan (Room 8)	0.40	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	AHU #19 Fan (Room 9)	0.40	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	AHU #21 Fan (Room 10)	0.40	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	RTU-#42	0.55	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	RTU-#43	0.69	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	RTU-#44	0.87	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	AHU #37 Fan (Room 2)	0.34	N.A.	0.42		0.012	***
CS-STC-01	CS-STC-01A	AHU #40 Fan (Room 2)	0.50	N.A.	0.42	***	0.012	
CS-STC-01	CS-STC-01A	AHU #82-Kitchen Fan (Room 2)	0.85	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	Roof Top Unit #35 (Insp/Receiving)	0.36	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	Roof Top Unit #36 (Lower Mezzanine)	0,45	N.A.	0.42		0.012	***
CS-STC-01	CS-STC-01A	Roof Top Unit #41 (Personnel)	0.45	N.A.	0.42		0.012	***
CS-STC-01	CS-STC-01A	Roof Top Unit #51 (Computer Room & Library)	0.36	N.A.	0,42		0.012	
CS-STC-01	CS-STC-01A	Toof Top Unit #52 (CADD)	0.48	· N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	Roof Top Unit #53 (Vital High Tech)	0.60	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	Unit Heater (N. Attic & Shp Chute)	0,20	N.A.	0.42		0.011	
CS-STC-01	CS-STC-01A	Unit Heater (North Attic)	0.40	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	Uniter Heater (N. Equip Room)	0.10	N.A.	0.42	~~	0.011	
CS-STC-01	CS-STC-01A	Unit Heater (Walkway)	0.15	N.A.	0.42		0.011	
CS-STC-01	CS-STC-01A	Unit Heater (Old PWB)	0.40	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	Unit Heater (South Restroom)	0.13	N.A.	0.42		0.011	
CS-STC-01	CS-STC-01A	AHU #24-6 Conformal Coat	0.30	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	Water Heater (Jackson) (HUD)	0.04	N.A.	0.42		0.011	
CS-STC-01	CS-STC-01A	Water Heater (PWB & Engineering)	0.65	N.A.	0.42		0.012	***
CS-STC-01	CS-STC-01A	Water Heater (Tele-Laars, Rm 62)	0.35	N.A.	0.42		0.012	
	CS-STC-01A	Water Heater (1ete-Laars, Kill 62)  Water Heater (A.O. Smith, Rm 273)	0.16	N.A.	0.42	***	0.011	
CS-STC-01	CS-STC-01A	Water Heater (A.O. Smith, Rin 275)  Water Heater Rheem (Rm 291)	0.42	N.A.	0.42		0.012	
CS-STC-01		6 Roof Top Units (62 - 67), Machine Shop (0.85 MMBtu/hr ea.)	5.10	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A		0.25	N.A.	0.42		0.011	
CS-STC-01	CS-STC-01A	Roof Top Unit 34 (Vital Engineering)	0.20	N.A.	0.42		0.011	
CS-STC-01	CS-STC-01A	Roof Top Unit 45 (Vital Engineering)	0.20	N.A.	0.42		0.011	
CS-STC-01	CS-STC-01A	Roof Top Unit 68 (Computer Maintenance)	0.23	N.A.	0.42		0.011	***
CS-STC-01	CS-STC-01A	Roof Top Unit 54 (Vital Engineering)	0.60	N.A.	0.42		0.012	***
CS-STC-01	CS-STC-01A	Fire Pump House Boiler	1.25	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	Roof Top Unit Renzor	0,55	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	2 Roof Top Units (1 and 2) (0.275 MMBtu/hr ea.)	0.36	N.A.	0.42		0.012	
CS-STC-01	CS-STC-01A	Roof Top Unit 3	0.30	IV.A.	0.42			ge D05F-26

#### MCDONNELL DOUGLAS CORPORATION

St. Charles, Missouri Tract V

#### Table D05-2: COMPLIANCE DETERMINATION 10 CSR 10-5.030,

Maximum Allowable Emission of Particulate Matter from Fuel Burning Equipment Used for Indirect Heating
(Worst Case Scenario Assuming All Sources are Indirect Heating)

REAT INPUT RATING (0)   (MBBuflut)   (MBBu	ŀ		(Worst Case Scenario As	suming All Sources a	re Indirect Heating)	<u> </u>			
Elisting Sources				HEAT INPU	Γ RATING (Q)	PM EMISSION	RATE LIMIT		
NUMBER   NUMBER   DESCRIPTION   Existing Sources (Installed after Pet   Installed Afte	FIO POINT	FMISSION LINIT		(MMB	tu/hr)	(lb/MI	MBtu)	AP-42 Emission	AP-42 Emission
NUMBER	LIQTOLIT	Elimborott Civir		Existing Sources	New Sources	Existing Sources	New Sources		
DESCRIPTION   15, 1979    15	NUMBER	NIIMBER		(Installed before Feb.	(Installed after Feb.			Natural Gas	l .
CS-STC-01	NONDER	TTO MADER	DESCRIPTION	15, 1979)	15, 1979)	E=1.09Q-0.259	E=0.80Q <sup>-0.301</sup>	(Ib/MMBTU)	(ib/MIMBTU)
CS-STC-01   CS-STC-01A   Cost-10-1A   Cost	CS-STC-01	CS-STC-01A	2 Roof Top Units (4 and 5) (0.125 MMBtu/hr ea.)	0.25	N.A.	0.42			***
CS-STC-01				0.13	N.A.	0.42			
CS-STC-01   CS-STC-01   A SEUTO of Building   N.A.   0.40     0.18   0.012				0.80	N.A.	0.42			
CS-STC-01   CS-STC-01   A life Bestion of Building   N.A.   0.04     0.18   0.011			AHU (A Section of Building)	N.A.	0.40				
CS-STC-01			Water Heater (A Section of Building)	N.A.					
CS-STC-0				N.A.	1.25				
CS-STC-0			Water Heater (B Section of Building)	N.A.	0.04				
CS-STC-01				N.A.	0.20				
CS-STC-0			Unit Heater (Auto Repair Shop)	N.A.	0.13				
CS-STC-01   CS-STC-01A   Water heater (D Section of Building)   N.A.   0.04     0.18   0.011				N.A.	0.54				
CS-STC-0  CS-STC-01A   Boiler #1   N.A.   5.23     0.18   0.012			Water heater (D Section of Building)	N.A.	0.04				***
CS-STC-01				N.A.	5,23				
CS-STC-01   CS-STC-01A   Unit Heater Renzor   N.A.   0.40     0.18   0.012         CS-STC-01   CS-STC-01A   Unit Heater Renzor   N.A.   0.40     0.18   0.012         CS-STC-01   CS-STC-01A   Unit Heater Renzor   N.A.   0.40     0.18   0.012         CS-STC-01   CS-STC-01A   Unit Heater Renzor   N.A.   0.40     0.18   0.012         CS-STC-01   CS-STC-01A   Water Heater   N.A.   0.04     0.18   0.011         CS-STC-01   CS-STC-01A   Natural gas waste liquid reduction system   N.A.   10.00     0.18   0.014         CS-STC-01   CS-STC-01A   Roof Top Unit   N.A.   1.25     0.18   0.012         CS-STC-01   CS-STC-01A   Fire Pump House Boiler   N.A.   1.28     0.18   0.012         CS-STC-01   CS-STC-01A   Fire Pump House Boiler   N.A.   1.28     0.18   0.012         CS-STC-01   CS-STC-01A   Standby Boiler   N.A.   1.25     0.18   0.014   0.014       CS-STC-01   CS-STC-01A   Standby Boiler   N.A.   1.255     0.18   0.012         CS-STC-01   CS-STC-01A   Space Heater Reznor   N.A.   1.50     0.18   0.012         CS-STC-01   CS-STC-01A   Space Heater Reznor   N.A.   1.95     0.18   0.011         CS-STC-01   CS-STC-01A   Water Heater   N.A.   1.95     0.18   0.011         CS-STC-01   CS-STC-01A   Water Heater   N.A.   1.60     0.18   0.012         CS-STC-01   CS-STC-01A   Misrellaneous Small Combustion Sources   N.A.   1.50     0.18   0.012			Boiler #2	N.A.	5.23				
CS-STC-01   CS-STC-01A   Unit Heater Renzor   N.A.   0.40     0.18   0.012			Unit Heater Renzor	N.A.	0.40				
CS-STC-01   CS-STC-01A   Unit Heater Renzor   N.A.   0.40     0.18   0.012			Unit Heater Renzor	N.A.	0.40				
CS-STC-01   CS-STC-01A   Water Heater   N.A.   0.04     0.18   0.011     0.18   0.011     0.18   0.011     0.18   0.011     0.18   0.011     0.18   0.012   0.014   0.01			Unit Heater Renzor	N.A.	0.40				
CS-STC-01   CS-STC-01A   Natural gas waste liquid reduction system   N.A.   10.00     0.18   0.014				N.A.	0.04				
CS-STC-01   CS-STC-01A   Roof Top Unit   Roof Top Unit   N.A.   1.25     0.18   0.012			Natural gas waste liquid reduction system	N.A.	10.00				
CS-STC-01   CS-STC-01A   Fire Pump House Boiler   N.A.   1.28     0.18   0.012		CS-STC-01A		N.A.	1.25	***			
CS-598-01 to -02   CS-598-03 to -04   CS-57C-01   CS-57C-0				N.A.	1.28		0.18		
CS-STC-01   CS-SP8-03 to -04   2 Nat Gas/Fuel Oil Cleaver Brooks Boilers #3 and #4 (6.275 MMBtu/hr ea.)   N.A.   12.55     0.18   0.012   0.014				N.A.	41.84		0.18		
CS-STC-01   CS-STC-01A   Standby Boiler   N.A.   1.50     0.18   0.012			2 Nat Gas/Fuel Oil Cleaver Brooks Boilers #3 and #4 (6,275 MMBtu/hr ea.)	N.A.	12.55				0.014
CS-STC-01   CS-STC-01A   Space Heater Reznor   N.A.   0.13     0.18   0.011				N.A.	1.50			0.012	***
CS-STC-01   CS-STC-01A   3 Space Heaters (0.65 MMBtu/hr ea.)   N.A.   1.95     0.18   0.012				N.A.	0.13		0.18		
CS-STC-01         CS-STC-01A         Water Heater         N.A.         0.10          0.18         0.011            CS-STC-01         CS-STC-01A         2 Drying Ovens (0.8 MMBtu/hr ea.)         N.A.         1.60          0.18         0.012            CS-STC-01         CS-S99-01 to -02         2 Natural Gas/Fuel Oil Cleaver Brooks Boilers (5.23 MMBtu/hr ea.)         N.A.         10.46          0.18         0.012         0.014           CS-STC-01         CS-STC-01A         Cleaver Brooks Standby Boiler         N.A.         1.50          0.18         0.012            CS-STC-01         CS-STC-01A         Miscellaneous Small Combustion Sources         N.A.         4.45          0.18         0.012			3 Space Heaters (0.65 MMBtu/hr ea.)	N.A.	1.95		0.18		
CS-STC-01         CS-STC-01A         2 Drying Ovens (0.8 MMBtu/hr ea.)         N.A.         1.60         —         0.18         0.012         —           CS-STC-01         CS-SP0-01 to -02         2 Natural Gas/Fuel Oil Cleaver Brooks Boilers (5.23 MMBtu/hr ea.)         N.A.         10.46         —         0.18         0.012         0.014           CS-STC-01         CS-STC-01A         Cleaver Brooks Standby Boiler         N.A.         1.50         —         0.18         0.012         —           CS-STC-01         CS-STC-01A         Miscellaneous Small Combustion Sources         N.A.         4.45         —         0.18         0.012         —				N.A.	0.10				
CS-STC-01         CS-599-01 to -02         2 Natural Gas/Fuel Oil Cleaver Brooks Boilers (5.23 MMBtu/hr ea.)         N.A.         10.46          0.18         0.012         0.014           CS-STC-01         CS-STC-01A         Cleaver Brooks Standby Boiler         N.A.         1.50          0.18         0.012            CS-STC-01         CS-STC-01A         Miscellaneous Small Combustion Sources         N.A.         4.45          0.18         0.012			2 Drying Ovens (0.8 MMBtu/hr ea.)	N.A.	1.60				
CS-STC-01         CS-STC-01A         Cleaver Brooks Standby Boiler         N.A.         1.50         —         0.18         0.012         —           CS-STC-01         CS-STC-01A         Miscellaneous Small Combustion Sources         N.A.         4.45         —         0.18         0.012         —				N.A.	10.46				0.014
CS-STC-01 CS-STC-01A Miscellaneous Small Combustion Sources N.A. 4.45 0.18 0.012			Cleaver Brooks Standby Boiler	N.A.	1.50		0.18		•••
				N.A.	4.45	***	0.18	0.012	
				38.70	102.94				

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OTAN OF DOC	COMM ED MICE DET		711.011 10161	11000	1 202	DICIDEL BINE	KCD/IDEE	0000011
Facility Name McDonnell Douglas	Corporation			County No.	160	Plant No.	0	Year Submitted 1997
Emission Point No.	NONE	No.		STC-01	63.753 for Ae		63.746, 63.	bpart GG: 749, 63.750, 63.752, and
5. Compliance Dem	ionstration Methods (Testin	ı, Monit	oring, Recordi	ceeping, Reports	ig, etc.)			2000
Check the /	Applicable Method				Basis of Compl	iance Method	***************************************	
	Testing	_	Monitoring			Applicable Require	ements	
	Recordkeeping	=	✓ Reporting			Sap Filling		
Testing								98.0
	ribe any tests which have bee ating conditions existing during				de the date of the t	est, methods and	procedures	used, testing company,
Date	Test Method		Firm		Operating Condi	tions	Summary	of Results
per the requirements of the applicable subsections of 63.750			Λ	V.A.	N.	.A.		N.A.
Recordkeeping		· · · · · ·						
List p	parameters for which records a the date of entry. For each red					daily, etc.) And th	e length of t	ime records are retained
Parameter (data) Bei	ng Recorded		Measurement	Method		Frequency		Record Retention
63.752 for the compli	of the applicable subsections iance method chosen	of	as required by 63.752	the applicable su	ubsections of	as required by the able subsections		5 years
Monitoring								
Monitoring Device Ty	ribe any emission monitoring	usea, lo	Location Desc		i monitored, sampli	ing frequency and		d data reporting method.  Ilutant(s) Being Monitored
Monitoring Device 1	N.A.		Location Desc	onpuon			'"	natant(s) Demg Monitorea
Sampling Frequency			Duration of Sa	ampling	How Data Will Bo	e Reported		
Reporting								
Desc	ribe all reporting requirements	and pro	vide the title an	d frequency of re	port submittals to th	ne agency.		
Reporting Requireme	ent			Title of Report			Submittal	Frequency
1) notification of com	pliance status		İ	1) Notification o	f Compliance State	us Report	1) when so rule	urce becomes subject to the
2) semiannual report	s that identify requirements o	f the ap	plicable	2) Semiannual Certification Report and			2) every six	x (6) months from the date
subsections of 63.753	for the compliance method of	chosen		Semiannual Exceedance Report (if any			of the notification of compliance	
3) annual reports per exceedance of the app	the requirements of 63.753(a plicable limits	d)(2) for	any	exceedances occ 3) Exceedance R	•			elve (12) months from the notification of compliance
	Attach description for any Al	ternate (	Compliance Dem	onstration Method	le not listed above a	and label as EYUID	IT FORM OF	- D05

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FEDERALLY ENFORCEABLE

Facility Name McDonnell Douglas Corporation				County No.	1160	Plant No. 001	0	Year Submitted 1997
Emission Point No.	NONE	No.		TC-01	63.753 for A		63.746, 63.7	part GG: 49, 63.751, 63.752, and
5. Compliance Den	i <mark>onstration Methods (Testi</mark> n	, Monit	oring, Recordi	keeping, Reporti	ng, etc.)			
Check the	Applicable Method				Basis of Compli	iance Method		
	Testing		✓ Monitoring			applicable Require	ements	
	Recordkeeping		✓ Reporting		G	Sap Filling		
Testing								
	ribe any tests which have bee ating conditions existing durin					•	•	
Date	Test Method		Firm		Operating Condi		Summary o	f Results
- <i>N.A.</i>			N	V.A.	N.	<i>A</i> .		N.A.
Recordkeeping								
List p from	parameters for which records a the date of entry. For each re	are being corded p	g maintained, the arameter includ	e frequency of su le the method of r	ch records (hourly, neasurement.	daily, etc.) And th	e length of tin	ne records are retained
Parameter (data) Bei	ing Recorded		Measurement	Method		Frequency		Record Retention
per the requirements 63.752 for the comple	of the applicable subsections iance method chosen	of	as required by 63.752	the applicable si	ubsections of	as required by to able subsections		5 years
Monitoring Desc	ribe any emission monitoring	used loc	cation of monito	r pollutants being	monitored sampli	ng frequency and	duration and	data reporting method
Monitoring Device T		1000,100	Location Desc		, monitorou, oampii	ng noquonoy und		utant(s) Being Monitored
	nts of the applicable subsection on the compliance method ch							., .
Sampling Frequency	,		Duration of Sa	ampling	How Data Will Be	e Reported		
Reporting Desc	ribe all reporting requirements	and pro	ovide the title an	d frequency of re	port submittals to the	ne agency.		
Reporting Requirem			T	Title of Report		3	Submittal F	requency
1) notification of compliance status				1) Notification of	f Compliance State	us Report	1) when sou	rce becomes subject to the
						_	rule	-
	s that identify requirements of		plicable	2) Semiannual Certification Report and Semiannual Exceedance Report (if any			2) every six (6) months from the date	
subsections of 63.753 for the compliance method chosen				exceedances occ		any	of the notific status	cation of compliance
3) annual reports per	the requirements of 63.753(	d)(2) for	anv	3) Exceedance K	,			lve (12) months from the
exceedance of the ap				e, americani	- Park		date of the notification of compliance status	
	Attach description for any Al	ternate C	compliance Dem	onstration Method	ls not listed above a	and label as EXHIR	IT FORM OP	D05

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FEDERALLY I	ENFORCEABLE
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Facility Name	glas Corporation		County No.	4160	Plant No.	0010	Year Submitted 1997
Emission Point		Emission Unit No.	EG-STC-01	Applicable Require	ement:	10 CSR 10-5.180	
		is (Testing, Monitoring, R	ecordkeeping, l	Reporting, etc.)			
	Applicable Method		The second	Basis of Complia			
3,,33,,	Testing	✓ Monitoring		A	pplicable Red	quirements	
	Recordkeeping	Reporting			Sap Filling	-	
Testing				and the data	of the test in	nothode and proce	edures used testing
	Describe any tests which company, operating con	h have been performed to ditions existing during the	test and summa	ry of results.			Á:
Date	Test Method	Firm		Operating Condition	ons	Summary of Resu	ults
	N.A.						
Recordkee	ping					) A 141 1 - 41-	Still a research are retained
очения в придости в при	List parameters for which	n records are being maintai or each recorded paramete	ned, the frequen r include the met	cy of such records (ho hod of measurement.	urly, daily, etc	c.) And the length o	of time records are retained
Parameter (dat	a) Being Recorded	Measurement M	ethod		Frequency	,	Record Retention
	N.A.						
Monitoring							and data concring method
		nonitoring used, location of	monitor, pollutar	its being monitored, sa	ampling frequ	ency and duration,	, and data reporting method. lutant(s) Being Monitored
Monitoring De	vice Type	Location Descri	ption				idiani(s) Being Monitorea
Age	ncy inspection records						opacity
Sampling Freq	uency	Duration of Sam	pling	How Data Will Be	Reported		
Reporting		quirements and provide the	title and frequer	ncy of report submittals	to the agend	CV	
Departing Dog			Title of Report	icy of report submittals	s to the agent	Submittal F	requency
Reporting Req	unement		or itopoit				
	None			N.A.			N.A.
	Attach description for	any Alternate Compliance	e Demonstration	Methods not listed	above and la	abel as EXHIBIT F	ORM OP - D05

FORM OP - D05	COMPLIANCE DE	<b>TERMINATION ME</b>	THODS	FEL	DERALLY ENFO	RCEABLE	Section D
Facility Name McDonnell Douglas	Corporation		County No.	1160	Plant No. 001	0	Year Submitted 1997
Emission Point No.		Emission Unit No.	HW-STC-01	Applicable Requ Applicable subse for Waste Handl	ections of: 63.743		-
5. Compliance Der	monstration Methods (Testi	ng, Monitoring, Reco	dkeeping, Repo				
Check the	Applicable Method			Basis of Compl			
	Testing	Monitoring	l		pplicable Require	ements	
	Recordkeeping	Reporting		G	Sap Filling		
Testing							
	cribe any tests which have be			ude the date of the	test, methods an	d procedures	used, testing company,
Date oper	ating conditions existing durin	g the test and summar	y of results.	Operating Cond	itions	Summary o	of Results
	1002111041104			operating			
	N.A.						
Recordkeeping	L						
	parameters for which records				y, daily, etc.) And	the length of	time records are retained
from Parameter (data) Be	the date of entry. For each re	corded parameter inclu  Measuremen		measurement.	Frequency		Record Retention
Farailleter (data) De	sing Recorded	Measuremen	Limethod		rrequency		Record Retellion
per the requirements	s of 63.748		ork practices to l e in a manner wh		as waste is hand transferred	lled and	N.A.
***************************************							
	cribe any emission monitoring			ng monitored, sam	oling frequency ar		
Monitoring Device	* *	Location Des	scription			Poli	utant(s) Being Monitored
Committee Francisco	N.A.	Duration of 6		How Date Will D	o Denombed		
Sampling Frequenc	У	Duration of S	ampling	How Data Will B	e Reported		
D							
Reporting Description	cribe all reporting requirement	s and provide the title a	and frequency of r	enort submittals to	the agency		
Reporting Requiren	nent	dia provide the title t	Title of Report	oport odomicalo to	the agency.	Submittal F	requency
	None	ļ		-	78		<i>N.A.</i>
Atta	ch description for any Alter	nate Compliance Dem	nonstration Meth	ods not listed abo	ove and label as	<b>EXHIBIT FO</b>	RM OP - D05

			METHODS	TENED A	LLY ENFORCE	FARI F	Section D
ORM OP - D05	COMPLIAN	ICE DETERMINATION		FEDEKA	Plant No.	CABLE	Year Submitted
Facility Name McDonnell Dougla	as Corporation		County No.	4160		10	1997
Emission Point No		Emission Unit No. ST	T-598-21	Applicable Requi		CFR Part 60, N ction 60.116b	NSPS, Subpart Kb only)
5 Compliance D	emonstration Metho	l ds (Testing, Monitoring, R	ecordkeeping, Re	eporting, etc.)			
	plicable Method			Basis of Complia	ance Method		
•	esting	✓ Monitoring			pplicable Requir	rements	
	Recordkeeping	Reporting		G	Sap Filling		
Testing						hada and proof	aduras used testing
De	escribe any tests which empany, operating cor	ch have been performed to nditions existing during the	quantify emission test and summary	s. Include the date y of results.			
	est Method	Firm		Operating Condit	tions Su	mmary of Resi	ults
	N.A.			:			
Recordkeepin							
l i	et parameters for which	ch records are being maintai	ned, the frequency	y of such records (ho	ourly, daily, etc.)	And the length	of time records are retained
fro	om the date of entry. F	or each recorded paramete	r include the meth	od of measurement.			Record Retention
Parameter (data)	Being Recorded	Measurement N	flethod		Frequency		Kecola Kerention
tank dimensio	ons and calculated cap	pacity engineerin	g measurements a	nd calculations	one time d	etermination	for the life of the tank
Monitoring					V = 6=====	ay and duration	and data reporting method
D	escribe any emission	monitoring used, location of	monitor, pollutants	s being monitored, sa	ampling frequen	Pol	, and data reporting method.  lutant(s) Being Monitored
Monitoring Devic	е Туре	Location Descr	aption				· · · · · · · · · · · · · · · · · · ·
record keening as	identified in the abov	e section					
Sampling Freque		Duration of Sar	npling	How Data Will B	e Reported		
Camping Confine	•						
Reporting				e general grant and			
D	escribe all reporting re	equirements and provide the	title and frequence	cy of report submittal	s to the agency.	Submittal F	reguency
Reporting Requir	rement		Title of Report			Subilittai	requestoy
NT	ing December shall be	made available to the		N.A.			N.A.
agency upon requ		muc aranapic to the					
-g,	Attach description for	r any Alternate Complianc	e Demonstration	Methods not listed	above and labe	as EXHIBIT F	ORM OP - D05
	/ April 11 1996)			Duplicate this fo			Page D05F-32

MO 780-1519 (REV. April 11, 1996)

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# FEDERALLY ENFORCEABLE

**section D** 

Facility Name McDonnell Douglas Corporation		County No. 4160		Plant No. 0010		Year Submitted 1997
	nission Unit No.	ST-506-20	Applicable Require	ement: 10 C	CSR 10-5.220 (	(5)
5. Compliance Demonstration Methods (T	esting, Monitoring, F	Recordkeeping, F	Reporting, etc.)			
Check the Applicable Method			Basis of Complia	ance Method		
Testing	✓ Monitoring		_ ✓ A	pplicable Require	ements	
✓ Recordkeeping	Reporting		G	ap Filling		
Testing  Describe any tests which have company, operating condition	ve been performed to ns existing during the	quantify emission test and summan	ns. Include the date ry of results.			
Date Test Method N.A.	Firm	12	Operating Condition	ons Sun	nmary of Resu	ılts
Recordkeeping  List parameters for which record from the date of entry. For ea	ords are being mainta ch recorded paramete	ined, the frequencer include the meth	cy of such records (ho nod of measurement.	ourly, daily, etc.) A	And the length	
Parameter (data) Being Recorded  per the requirements of Section (5) (D):  vessel owner and number of deliveries  unloaded by each owner	Measurement N Keep rec	lethod ords of such deliv	eries on file.	Frequency as they	occur	Record Retention  5 years
Monitoring		· · · · · · · · · · · · · · · · · · ·		en indumentur kanan in indumentur kanan in		
Describe any emission monit  Monitoring Device Type	Location Descr	f monitor, pollutan i <b>ption</b>	ts being monitored, s	ampling frequenc	ey and duration Poll	utant(s) Being Monitored
record keeping as identified in the above sect Sampling Frequency	Duration of San	npling	How Data Will Be	Reported		
Reporting  Describe all reporting require	ements and provide the		cy of report submittal	s to the agency.		
Reporting Requirement		Title of Report			Submittal F	requency
No routine reporting. Records shall be made agency upon request.		D	N.A.	above and label	26 EYUIDIT E	N.A.

Facility Nam		ANCE DETERMINATION	County No.		FEDERALLY ENF	Year Submitted		
	Douglas Corporation			160	0010	1997		
Emission Po	oint No. <i>VD-598-01</i>				irement: 40 C ections of 63.460, 6	FR Part 63, Subpart T: 3.464, 63.465, 63.467 and 63.468		
5. Complia	nce Demonstration Met	nods (Testing, Monitoring, Re	cordkeeping, Rep	orting, etc.)				
	the Applicable Method	A.A		Basis of Compl				
Testing Monitoring				✓ Applicable Requirements				
	Recordkeeping	✓ Reporting		Gap Filling				
Testing Date	Describe any tests w company, operating of Test Method  N.A.	hich have been performed to conditions existing during the to	quantify emissions. est and summary	Include the date of results.  Operating Cond		ds and procedures used, testing Summary of Results		
Records	ceeping					the leasth of time records are retained		
January Constitution of the State of	List parameters for whether the date of entry	nich records are being maintain . For each recorded parameter	ed, the frequency of include the method	of such records (h d of measurement	ourly, daily, etc.) And :	d the length of time records are retained		
	data) Being Recorded	Measurement Me			Frequency	Record Retention 5 years		
Parameter (								

and 3-month average emissions are determined. Monitoring Describe any emission monitoring used, location of monitor, pollutants being monitored, sampling frequency and duration, and data reporting method. Pollutant(s) Being Monitored **Location Description Monitoring Device Type** N.A.How Data Will Be Reported **Duration of Sampling** Sampling Frequency Reporting Describe all reporting requirements and provide the title and frequency of report submittals to the agency. **Submittal Frequency** Title of Report **Reporting Requirement** 1) semiannually 1) Exceedance Report 1) exceedance report

2) Solvent Emission Report

2) solvent emission report

2) annually

ORM OP	5 COMPLIA	NCE DETERMINATION M	IETHODS	FE	DERALLY	ENFORCEAL	Section I
Facility Nam			County No.	4160	Plant No.	0010	Year Submedd 1997
Emission Poi	int No. <i>VD-598-01</i>	Emission Unit No. VD-5	598-01	Applicable Requ	irement:	10 CSR 10-5.	3.300
5. Complian	nce Demonstration Metho	ods (Testing, Monitoring, Rec	ordkeeping, Rep	porting, etc.)			
The state of the s	Applicable Method			Basis of Comp	liance Metho	od	
Testing ✓ Monit		✓ Monitoring		/	Applicable R	equirements	
/	Recordkeeping	Reporting			Sap Filling		
Testing	Describe any tests whi operating conditions ex	ch have been performed to qu kisting during the test and sum	antify emissions. mary of results.	Include the date o	of the test, n	nethods and p	rocedures used, testing company
Date	Test Method	Firm		Operating Cond	itions	Summary of	Results
	N.A.						
Recordke	List parameters for which	ch records are being maintained For each recorded parameter in	d, the frequency of clude the method	of such records (hou d of measurement.			gth of time records are retained
Parameter (d	lata) Being Recorded	Measurement Metho	od		Frequenc	у	Record Retention
1) solvent typ	es and purchases	1) Records shall be			1) month	•	1) 5 years
2) solvent con	nsumptions and wastes ge		kept of solvent co	onsumptions and	2) as the	y occur	2) 5 years
2) maintana	nce and repair logs	waste generated. 3) Records shall be	kent of maintena	nce and repair	3) as the	y occur	3) 5 years
3) maintenar	ice una repair togs	logs.					
4) operator to	raining	4) Conduct and keep	4) Conduct and keep records of training of degreaser operators and their supervisors.		oer year	4) 5 years	
Monitorir	ng						ting and data as a sting mathed
	Describe any emission	monitoring used, location of mo	onitor, pollutants t	being monitored, sar	npling frequ	ency and durat	tion, and data reporting method.    Pollutant(s) Being Monitored
Monitoring D		· · · · · · · · · · · · · · · · · · ·	)II				l character and memore a
record ke section	reping as identified in the d	above					
	Sampling Frequency Duration o		ng	How Data Will B	e Reported		
Reportin	<b>g</b>						
		equirements and provide the titl		of report submittals	to the agend		ittal Frequency
Reporting Re	equirement	ļ	Title of Report			Junilli	illai i iequelloy
No routine re	eporting. Records availab	le upon agency request.		N.A.		EVI 1991	N.A.
	Attach description fo	r any Alternate Compliance D	emonstration M	lethods not listed a	bove and la	ibel as EXHIBI	
MO 780-1519	(REV. April 11, 1996)			Duplicate this for	m as neede	d	Page D05F-3

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FEDERALLY ENFORCEABLE

Facility Name McDonnell Do	uglas Corporation		County No.	4160	Plant No.	0010	Year Submitted 1997
SB-598-08, SB	ough SB-598-05, 8-598-09, SB-599-01, ough OV-598-05,	Emission Unit No.  SB-598-01 through SB-59.  SB-598-08, SB-598-09, SB  OV-598-01 through OV-59.  VD-598-01, misc.	<i>3-599-01</i> ,	Applicable Requi		10 CSR 10-6.0 #0396-022	060, Construction Permit
		ds (Testing, Monitoring, Re	ecordkeeping, R				
Check the	Applicable Method			Basis of Complia			
	_ Testing Recordkeeping	✓ Monitoring Reporting			pplicable Re ap Filling	quirements	
- V	_ Necolakeeping	reporting			ap i illing		
Testing		n have been performed to qua sting during the test and sum		Include the date of	the test, met	hods and proc	edures used, testing company,
Date	Test Method N.A.	Firm		Operating Condit	ions	Summary of I	Results
Recordkee	List parameters for which	h records are being maintaine or each recorded parameter			urly, daily, e	tc.) And the ler	ngth of time records are retained
Parameter (da	ta) Being Recorded	Measurement Me			Frequency		Record Retention
(mont	VOC thly and 12 month totals)		ission tracking re	ecord	<i>'</i>	monthly	5 years
Manitoring		nonitoring used, location of m	nonitor pollutants	being monitored, sa	ampling fregu	iency and dura	ation, and data reporting method.
Monitoring De		Location Descrip		209			Pollutant(s) Being Monitored
record keeping section	as identified in the abov						
Sampling Free	quency	Duration of Samp	oling	How Data Will Be	Reported		
Reporting	Describe all reporting red	quirements and provide the ti	itle and frequency	of report submittals	to the agen	cy.	
Reporting Req	•	- (	itle of Report				al Frequency
after the end of	edance of the VOC limit if f the month. ords shall be made availa			-		1) as exc 2) N.A.	ceedances occur

FORM OP - D05	COMPLIANCE DET	ERMINATION MET	HODS F	EDERALLY ENF	ORCEABLE- AL	T. OP. S	CENARIO Section I
Facility Name McDonnell Douglas	Corporation		County No.	1160	Plant No.	n	Year Submitted 1997
Emission Point No. See Table D05-1A		Emission Unit No.  See Table D0	25-1A (attached)	1			Subpart GG, 63.743(d)
5. Compliance Dec	nonstration Methods (Testin	g, Monitoring, Record	keeping, Reporti	ng, etc.)			
Check the	Applicable Method			Basis of Compl			
	Testing	Monitoring			Applicable Require	ments	
	Recordkeeping	Reporting			Gap Filling		
Testing							
	Describe any tests which I company, operating conditions			y of results.		ods and p	procedures used, testing
Date	Test Method	Firm		Operating Condi	itions	Summa	ry of Results
	N.A.						
Recordkeeping		1					
	List parameters for which retained from the date of e					.) And the	e length of time records are
Parameter (data) Be		Measurement			Frequency		Record Retention
organic HAP and Venture or topcoats	OC content of the combinatio	`	ganic HAP and V me-weighted aver		mont	hly	5 years
Monitoring							
•	Describe any emission mo reporting method.	onitoring used, location of	of monitor, polluta	nts being monitored	d, sampling freque	ency and o	duration, and data
Monitoring Device		Location Des	cription				Pollutant(s) Being Monitored
	N.A.						
Sampling Frequenc	у	Duration of S	ampling	How Data Will B	e Reported		
Reporting							
	Describe all reporting requ	irements and provide th		ncy of report submi	ittals to the agency		tal Francisco
Reporting Requiren	nent		Title of Report			Supmit	tal Frequency
	<i>N.A.</i>			N.A.			<i>N.A.</i>

Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05
MO 780-1519 (REV. April 11, 1996)

Duplicate this form as needed

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## MCDONNELL DOUGLAS CORPORATION

St. Charles, Missouri Tract V

Table D05-1A: Alternate Operating Scenario for Coating Lines (Aerospace Production)

EIQ Emission Point No.	Emission Unit No.	Description	Manufacturer/Model No./ Date of Manufacture	Stack No.
CL-STC-01	SB-598-01	Spray Booth (Aerospace Production)	Unknown	SB-598-01
CL-STC-01	SB-598-02	Spray Booth (Aerospace Production)	Unknown	SB-598-02
CL-STC-01	SB-598-03	Spray Booth (Aerospace Production)	Unknown	SB-598-03
CL-STC-01	SB-598-04	Spray Booth (Aerospace Production)	Unknown	SB-598-04
CL-STC-01	SB-598-05	Spray Booth (Aerospace Production)	Unknown	SB-598-05
CL-STC-01	SB-598-06	Bench Spray Booth (Aerospace Production) (Non-Aerospace NESHAP primers/topcoats)	Unknown	SB-598-06
CL-STC-01	SB-598-07	Bench Spray Booth (Aerospace Production) (Non-Aerospace NESHAP primers/topcoats)	Unknown	SB-598-07
CL-STC-01	SB-598-08	Conformal Coating Booth (Aerospace Production)	Unknown	SB-598-08
CL-STC-01	MB-598-01	Mixing/Touch-Up Booth (Aerospace Production) (Non-Aerospace NESHAP primers/topcoats)	Unknown	MB-598-01
CL-STC-01	SB-599-01	Paint Booth (Aerospace Production)	Unknown	SB-599-01

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e Jouglas Corpora	ation	County No. 4160	Plant No. 0010	Year Submitted 1997
Requirements	(federal, state and local regulations	plus any federally enforceable	permit conditions)	
Applicable Requirement Pollutant Authority		Applicable Requirement Emission Limit or Standard		
Odor	10 CSR 10-5.160	Emissions of objectionab	le odorous	Agency inspection records.
	Control of Odors in the	material is prohibited.		
	Ambient Air			
				<u></u>
-				
Ì	ouglas Corpora Requirements Pollutant	Pollutant Odor Odor Odor Odor Odor Odor Odor Odor	Pollutant     Applicable Requirement Authority     Emission Limit or and Units       Odor     10 CSR 10-5.160     Emissions of objectionable material is prohibited.	ouglas Corporation  Requirements (federal, state and local regulations plus any federally enforceable permit conditions)  Applicable Requirement Authority  Ddor  10 CSR 10-5.160 Control of Odors in the  Emissions of objectionable odorous material is prohibited.

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit.

You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

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**Facility Name** 

McDonnell Douglas Corporation

County No. Plant No.

ant No. Year Submitted
0010 1997

4. Applicable Requirements (federal, state and local regulations plus any federally enforceable permit conditions)

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Emission Point/Unit	Pollutant	Applicable Requirement Authority	Emission Limit or Standard and Units	Compliance Determination Method (Testing, Monitoring, etc.)
	Pollutant VOC	Authority  10 CSR 10-5.450  Control of VOC Emissions from Traffic Coatings (pending SIP incorporation)	Rule limits the VOC content of traffic coatings to 1.26 pounds per gallon of coatings (minus H <sub>2</sub> O, minus exempt VOCs, and minus colorants added).	McDonnell Douglas Corporation uses the coating manufacturer's data to verify that the VOC content of purchased traffic coatings meets the requirements of this rule.

4160

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

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Section D

Facility Name  McDonnell Douglas Corporation  4. Applicable Requirements (federal, state and local regulations place)			County No.  4160	0010		1997
Emission Appropriate Pollutant (Control Plant * 1		Applicable Requirement Authority (CSR#, CFR#, Permit No., etc.)  10 CSR 10-6.050  Start-up, Shutdown, and	Emission Limit or Standard and Units  Facility is required to submit information regarding an upset/malfunction condition		Compliance Determination Method (Testing, Monitoring, etc.)  McDonnell Douglas Corporation shall provide the	
		Malfunction Conditions	upon receipt of a not emissions from MDN		information request (1)(B) of the rule wit receiving an emission notice from MDNR.	hin 15 days of
					-	

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit.
You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

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ection D

Facility Name McDonnell Douglas Corporation			County No. 4160	Plant No. 0010	Year Submitted 1997
4. Applicab	le Requireme	oration ents (federal, state and local regulation:	2017		
Emission Point/Unit	Pollutant	Applicable Requirement Authority (CSR#, CFR#, Permit No., etc.)	Emission Limit or S and Units		Compliance Determination Method (Testing, Monitoring, etc.)
Plant	PM	10 CSR 10-6.170	Rule prohibits the emission		nere are currently no McDonnell
-wide		Restriction of Particulate	beyond the premises of ori		ouglas operations where particulates
		Matter to the Ambient Air	facility engaging in constru		beyond the facility property
		Beyond the Premises of	cleaning, demolition, or ma		oundary as visible emissions or in
		Origin	is required to take measure		uantities sufficient to violate this rule.
			fugitive particulate matter f		any PM creating activities occur,
			visible or depositing on su	rfaces beyond M	cDonnell Douglas Corporation shall
			the property line of the fac	lity. ta	ke measures such as those listed in
				S	ection (1)(C)15. or those requested
				b	y the agency director.
	<u> </u>				

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

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#### STATE ENFORCEABLE

Plant No.

Section D

Year Submitted

Facility Name		County No.	Plant No.		Year Submitted	
McDonnell Douglas Corporation		4160	0010		1997	
4. Applicab	le Requireme	nts (federal, state and local regulations	plus any federally enforceab	le permit conditions;		
Emission Point/Unit	Pollutant	Applicable Requirement Authority (CSR#, CFR#, Permit No., etc.)	Emission Limit or S and Units	Standard	Compliance Determination Method (Testing, Monitoring, etc.)	
Plant	Asbestos	10 CSR 10-6.240	Requires individuals who	engage in		nell Douglas Corporation
-wide		Asbestos Abatement	asbestos abatement work			subcontractor for all
		Projects - Registration,	with MDNR and notify the	agency of		os abatement projects.
		Notification and Performance	each asbestos project. Al			ct specifications require
		Requirements	that certain work practice			e asbestos abatement
			are followed and inspection	n fees paid.	contractor comply with all	
					applicable federal, state, and local	
Plant	Asbestos	10 CSR 10-6.250	Requires individuals that work on		rules.	
-wide		Asbestos Abatement	asbestos abatement proje	cts to be		
		Projects - Certification,	certified by MDNR. Also r	equires		
		Accreditation, and	training providers to be ac	credited		
		Business Exemption	by MDNR.			
		Requirements				
	<u> </u>	]				

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit.

You must attach a completed FORM OP - E01 , "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

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# STATE ENFORCEABLE

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Facility Name		County No.	Plant No.	Year Submitted	
McDonnell I	Douglas Corpo	ration	4160	0010	. 1997
4. Applicab	le Requiremen	ts (federal, state and local regulat	ions plus any federally en	forceable permit condition	15)
Emission Point/Unit	Pollutant	Applicable Requirement Authority		mit or Standard I Units	Compliance Determination Method (Testing, Monitoring, etc.)
Plant	Sulfur	10 CSR 10-6.260	Section (3) limits the	SO <sub>2</sub> , SO <sub>3</sub> , and H <sub>2</sub> SO <sub>4</sub>	See Attachment B following
-wide	Compounds:	Restrictions of Emission of	emissions into the at	mosphere from	Form D05 for 10 CSR 10-6.260.
	H <sub>2</sub> SO <sub>4</sub> ,	Sulfur Compounds	"existing" and "new"		
	SO <sub>2</sub> , SO <sub>3</sub> ,	(pending SIP incorporation)	consecutive 3-hour p		
	H <sub>2</sub> S		_	: SO <sub>2</sub> limit = 2000 ppmv;	
			SO <sub>3</sub> and/or H <sub>2</sub> SO <sub>4</sub> lim		
			For new sources: SO <sub>2</sub> limit = 500 ppmv;		
			SO <sub>3</sub> and/or H <sub>2</sub> SO <sub>4</sub> lim	it = 35 mg/m <sup>3</sup> .	
			(Section (3) does not	cover indirect heating,	
			lead smelting, and/or	r refining sources.	
			Section (4) restricts	the concentration of	
			sulfur compounds in	the ambient air	
			above the levels spe	cified in	
			10 CSR 10-6.010 Am	bient Air Quality	
			Standards.)		
			Section (5) restricts	SO <sub>2</sub> emissions from	
			indirect heating sou	rces greater than	
			350 MBtu/hr actual h	eat input.	

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

FORM	OP	- 504
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<b>Facility Nam</b>	ne		County No.	Plant No.		Year Submitted		
McDonnell I	Douglas Corp	ooration	4160	0010		1997		
4. Applicab	le Requirema	ents (federal, state and local regulation	s plus any federally enfo	rceable permit condition	ons)			
Emission Point/Unit	Pollutant	Applicable Requirement Authority (CSR#, CFR#, Permit No., etc.)	Emission Limit and U		Complia (Te	ance Determination Method sting, Monitoring, etc.)		
						1		
			See At	tached				
			Occ At	tacrica				
<u></u>					<u> </u>			

Use FORM OP - D05 for any specific Compliance Determination Method applicable to the Emission Unit. You must attach a completed FORM OP - E01, "Compliance Plan/Status" if the Emission Unit is currently failing to meet any Applicable Requirements, FORM OP- E01 delineates what provisions are not being met and what steps will be taken to bring the Unit back into compliance.

#### STATE ENFORCEABLE APPLICABLE REQUIREMENTS

# FORM OP - D04

Section D

Facility Name	County No.	Plant No.	Year Submitted	
McDonnell Douglas Corporation	4160	0010	1997	

Note: In addition to the following "emission unit specific" applicable requirements, all emission points included on this form are reported annually in McDonnell Douglas' Emission Inventory

Questionnaire. McDonnell Douglas' obligation to recordkeep, prepare, and submit an annual emissions report for these sources is being addressed herein as a "plant-wide" applicable requirement.

EIQ POINT NO.	EMISSION UNIT NO.	EMISSION UNIT DESCRIPTION	POLLUTANT	APPLICABLE REQUIREMENTS	EMISSION LIMIT OR STANDARD AND UNITS	COMPLIANCE DETERMINATION METHOD (TESTING, MONITORING, ETC.)
FUEL STORA	GE TANKS					
ST-STC-01	ST-506-20	Gasoline Underground Storage Tank (1,000 gallons)	Voc	10 CSR 10-5.443, Control of Reid Vapor Pressure		McDonnell Douglas purchases and receives gasoline which is in compliance with this rule between 6/1 and 9/15 of each year and tops off all tanks with compliant gasoline prior to the beginning of the compliance period each year. McDonnell Douglas maintains records of gasoline delivery tickets, invoices, etc. during the compliance period.
ST-STC-01	ST-598-01	Gasoline Storage Tank (500 gal)		10 CSR 10-5.443, Control of Reid Vapor Pressure	Rule prohibits anyone from selling, dispensing, etc. gasoline with an RVP exceeding 7.0 during the time period between 6/1 and 9/15 of each year. (Gasoline blends with at least 9% to 10% ethyl alcohol by volume are allowed an RVP of 8.0 psi or less during this time period.)	McDonnell Douglas purchases and receives gasoline which is in compliance with this rule between 6/1 and 9/15 of each year and tops off all tanks with compliant gasoline prior to the beginning of the compliance period each year. McDonnell Douglas maintains records of gasoline delivery tickets, invoices, etc. during the compliance period.

EO	DM	10	P 🖹	TIN	5
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# STATE ENFORCEABLE

Facility Name McDonnell Do	uglas Corporation		County No.	County No. 4160		010	Year Submitted 1997
	t No. Plant-wide	Emission Unit No.	Plant-wide	Applicable Requir	ement: 10	CSR 10-5.160	
5. Compliano	e Demonstration Metho	ds (Testing, Monitoring, F	Recordkeeping,				100
Check the	Applicable Method		Basis of Complia				
	Testing	✓ Monitoring			pplicable Requ	irements	A.
-	Recordkeeping	Reporting		/_ G	ap Filling		
Testing							and testing company
Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.							
Date	Test Method	Firm		Operating Conditi	ons St	ummary of Resi	ults
	N.A.						
Recordkeeping  List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.							
Parameter (da	ta) Being Recorded	Measurement M	ethod		Frequency		Record Retention
	N.A.						
Monitaring	l		ika a a alluka	ete being monitored a	ampling freque	ney and duration	and data reporting method
Monitoring De		nonitoring used, location of Location Descri	monitor, pollutar	nts being monitored, sa	ampling frequer	Pol	, and data reporting method. lutant(s) Being Monitored
Wolfitoring De	vice Type	Location Descri	ption				( )
Agency ins	pection records						odor
Sampling Free	quency	Duration of Sam	pling	How Data Will Be	Reported		
					_		
Reporting		100			- A - Al-		
		quirements and provide the		ncy of report submittals	s to the agency	Submittal F	reguency
Reporting Rec	quirement		Title of Report			Jubilittaii	ioquolioy
	None		N.A.				N.A.
	Attach description for a	any Alternate Compliance	Demonstration	Methods not listed	above and lab	el as EXHIBIT F	ORM OP - D05



# STATE ENFORCEABLE (PENDING SIP INCORPORATION)



Facility Name	Facility Name McDonnell Douglas Corporation			County No.		0010	Year Submitted 1997
Emission Poi		Emission Unit No. Plan	ıt-wide	Applicable Requi	rement:	10 CSR 10-5.450	
5. Comp	liance Demonstration M	ethods (Testing, Manitoring	j, Recardkeepi	ng, Reporting, etc.)			
· · · · · · · · · · · · · · · · · · ·	he Applicable Method		••••	Basis of Complia			
Testing ✓ Mor		✓ Monitoring			77(-7)	equirements	
1	Recordkeeping	Reporting		G	ap Filling		
Testir	ng						
	Describe any tests whice operating conditions exi	h have been performed to qu sting during the test and sum	antify emissions mary of results.				3
Date	Test Method	Firm		Operating Condit	ions	Summary of Res	ults
	N.A.						
Recoi	rdkeeping						Cit de la constant de
	List parameters for which from the date of entry. F	ch records are being maintain For each recorded parameter	ed, the frequent include the met	cy of such records (ho hod of measurement.			
Parameter (da	ata) Being Recorded	Measurement Me	lethod Freque		Frequenc	у	Record Retention
VOC content of traffic coating paint		coatings. Mainta appropriate man	Purchase and apply only VOC-compliant traffic coatings. Maintain records of MSDSs or other appropriate manufacturer's data showing the VOC content of the traffic coatings.			N.A.	5 years
Monit	toring					waney and duration	and data reporting method
Manifestor D		monitoring used, location of r	nonitor, pollutar	its being monitored, s	ampling fred	Pol	lutant(s) Being Monitored
Monitoring D	evice Type	Location Descrip	511011				., -
record keepin section	ng as identified in the abo	ve					
Sampling Fre	equency	Duration of Sam	pling	How Data Will Be	Reported		
Repo	rting				- t - th		
		equirements and provide the		ncy of report submittal	s to the age	Submittal F	roguency
Reporting Re	•		Title of Report	N.A.		Subilital F	N.A.
	None	any Alternate Compliance	Domonetration		above and	label as FXHIBIT F	
	Attach description for	any Alternate Compliance	Demonstration	HIGHIOUS HOL HSTEU	above and	TADOT NO EXTENDED	

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# STATE ENFORCEABLE

section D

Facility Name			County No.		Plant No.		Year Submitted 1997
	uglas Corporation  nt No. Plant-wide	Emission Unit No. Plan	ıt-wide	Applicable Requi	rement:	10 CSR 10-6.05	0
Emission Poli	it No. Plant-wide	ods (Testing, Monitoring, Re		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
		ous (resemy, mormermy)		Basis of Complia	ance Metho	od	
Check the	e Applicable Method	Manitaring		CONSTRUCTION CONTINUES CONTRACTOR OF THE PROPERTY		Requirements `	
	Testing	Monitoring			Sap Filling	toquiioiiio	
	Recordkeeping	Reporting			ap i iiiig		
Testing	Describe any tests which	ch have been performed to qu	antify emission	s. Include the date of	the test, m	nethods and proced	dures used, testing company,
	operating conditions ex	isting during the test and sum	mary of results				f
Date Test Method		Firm	,	Operating Condit	tions	Summary of Re	esuits
	N.A.						
Recordke	enina				<del></del>		
Mocording	List parameters for whi	ch records are being maintain For each recorded parameter	ed, the frequer include the me	ncy of such records (ho thod of measurement.	ourly, daily	, etc.) And the leng	th of time records are retained
Parameter (da	Parameter (data) Being Recorded Measurer				Frequency		Record Retention
( )	,						
	<i>N.A.</i>						
Monitorin	9				line for	aguency and durat	on, and data reporting method
		monitoring used, location of r	nonitor, polluta	nts being monitored, s	ampling ire	equency and durati	on, and data reporting method. ollutant(s) Being Monitored
Monitoring D	evice Type	Location Descri	Mion				
	N.A.						
		Duration of Sam	nling	How Data Will Be	e Reported	<u></u>	
Sampling Fre	quency	Duration of Sam	pinig	How Bata Will B	o responde	-	
Reporting	Describe all reporting r	requirements and provide the	title and freque	ncv of report submittal	is to the ag	jency.	
Donorting Po			itle of Report			Submitta	Frequency
Reporting Re	quirement		inio or respons				
Panort caus	o of overes emissions du	e to startup, shutdown, or		-		within	15 days after notice of excess
Keport caus	malfunction con	dition.					emissions from MDNR
	Attach description for	r any Alternate Compliance	Demonstratio	n Methods not listed	above an	d label as EXHIBI	T FORM OP - D05
	Attach accomption to	and a management		5 " ( 4) ' 5			Dogo DOEC 2

FORM OP - DO	D5 COMPLIAN	CE DETERMINATIO	N METHODS	STATE E	ENFORCEA	BLE	Section D	
Facility Name McDonnell Dou	glas Corporation		County No.	4160	Plant No.	0010	Year Submitted 1997	
<b>Emission Point</b>	No. Plant-wide	Emission Unit No.	Plant-wide	Applicable Requir	ement: 1	10 CSR 10-6.170		
5. Compliance	Demonstration Method	s (Testing, Monitoring,	Recordkeeping, I	Reporting, etc.)				
Check the	Applicable Method			Basis of Complia	ance Method			
	Testing	/ Monitoring			pplicable Req	juirements		
	Recordkeeping	Reporting		/ G	Sap Filling			
Testing								
	Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.							
Date	Test Method	Firm		Operating Conditi	ons S	Summary of Resi	ults	
	N.A.				F			
Recordkeeping								
	List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.							
Parameter (data	a) Being Recorded	Measurement I	Viethod		Frequency		Record Retention	
	N.A.							
Monitoring								
Monitoring Dev		onitoring used, location of Location Description		s being monitored, sa	ampling freque		, and data reporting method. utant(s) Being Monitored	
linomitoring bev	ice Type	Location Desci	приоп				atant(o) being monitorea	
Agen	ncy inspection records						PM	
Sampling Frequ	uency	Duration of Sa	mpling	How Data Will Be	Reported	A STATE OF THE STA		
Reporting  Describe all reporting requirements and provide the title and frequency of report submittals to the agency.								
		uirements and provide th	e title and frequence Title of Report	cy of report submittals	s to the agenc	y.   Submittal Fi	MACHAMAN .	
Reporting Requ	mement		Title of Report			Subilitial FI	equency	
None N.A.						N.A.		
	Attach description for a	ny Alternate Complianc	e Demonstration	Methods not listed	above and la	bel as EXHIBIT F	ORM OP - D05	

FORM OP	- D05 COMPLIAN	ICE DETERMINATION	METHODS	STATE	<b>ENFORCEABLI</b>	E	Section I
Facility Nat McDonnell	me Douglas Corporation		County No.	4160	Plant No.	10	Year Submitted 1997
Emission F	Point No. <i>Plant-wide</i>	Emission Unit No.  Plant-wid	de	Applicable Requ	irement: 10	CSR 10-6.2	40
5. Compli	ance Demonstration Metho	ds (Testing, Monitoring, R	ecord keeping, f				
Check	the Applicable Method		Basis of Compliance Method				
	Testing	✓ Monitoring	Applicable Requirements				
	✓ Recordkeeping	Reporting			Sap Filling		
Testing	Describe any tests which	n have been performed to questing during the test and sum		Include the date of	the test, methods		ures used, testing company,
Date Test Method		Firm		Operating Condi	tions	Summary	of Results
	N.A.						
Record			ed, the frequency		ourly, daily, etc.) A	And the lengt	h of time records are retained
Parameter	Parameter (data) Being Recorded Measurement			ethod Frequency			Record Retention
l ′	1) waste disposal 2) results of air filtration equipment smoke 2) sn		1) manifest records 2) smoke tube test		1) after disposal is done 2) daily		1) 5 years 2) 5 years
Monito		conitoring used legation of a	popitor pollutopts	hoing manitored a	ampling fraguence	u and duratio	ond data reporting method
Monitoring	Describe any emission n	Location Descrip		being monitored, so	ampling frequency	Po	on, and data reporting method.  Illutant(s) Being Monitored
	requirements of 10 CSR 10-	6.240	asbesto	s abatement area			asbestos
Sampling F	Frequency	Duration of Sam	pling	How Data Will Be	Reported		
per the	requirements of 10 CSR 10-	per the requirement 10-6.240   10-6.240	ents of 10 CSR	per the requireme	ents of 10 CSR 10	0-6.240	
Report		and the second second					
		quirements and provide the t		y of report submittals	s to the agency.		
	Requirement	1	itle of Report	. 37 .10 .1		Submittal	
/ 4 4 5	iect notification oject notification		') Asbestos Proje ?) Asbestos Proje	•		, ,	ng of each project each project
2) post-pro					ahaya and labet		
NO 700 4540	9 (REV. April 11, 1996)	any Alternate Compliance	Demonstration i	Duplicate this fo		as EXHIBII	Page D05S-5
NIO 100-1018	a (KEA. Whui 11, 1990)			Publicate titis 10	iiii as ileened		raye มีของ-จ

FORM OP - DO	5 COMPLIAN	CE DETERMINATION	METHODS	STATE	<i>ENFORCEA</i>	BLE	Section D
Facility Name McDonnell Doug	las Corporation		County No.	4160	Plant No.	0010	Year Submitted 1997
Emission Point I			lant-wide	Applicable Requi	irement:	10 CSR 10-6.250	
5. Compliance	Demonstration Method	is (Testing, Monitoring, R	ecorákeeping, R				
Check the A	pplicable Method			Basis of Complia	ance Method		
	Testing	✓ Monitoring			pplicable Re	quirements	
	Recordkeeping	Reporting		G	Sap Filling		
0	perating conditions exis	have been performed to qu ting during the test and sum					
Date	Test Method <i>N.A.</i>	Firm	138° A. 185.	Operating Condit	tions	Summary of Resi	ults
Recordkeeping  List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.							
Parameter (data)	Parameter (data) Being Recorded Measureme			Method			Record Retention
work in asbestos	all persons who authorize, design, conduct, and work in asbestos abatement projects or monitor asbestos abatement areas		1		10-6.250(3) per the requirements of 10 CSR 10-6.250(3)		5 years
Monitoring							
Monitoring Device		onitoring used, location of n  Location Descript		being monitored, sa	ampling frequ		, and data reporting method. utant(s) Being Monitored
record keeping as	s identified in the above	section					
Sampling Freque	ency	Duration of Samp	ling	How Data Will Be	Reported	•	
Reporting							
Reporting Requi		uirements and provide the t	itle and frequency	of report submittals	s to the agend	cy. Submittal Fi	contonov
Reporting Requi	ienient	["	itie of Neport			Jubilittairi	equency
	None			N.A.			N.A.
A	ttach description for a	ny Alternate Compliance I	Demonstration N				
MU /80-1519 (RE	V. April 11, 1996)			Duplicate this for	rm as neede	a	Page D05S-6

FORM OP - DU5

# COMPLIANCE DETERMINATION METHODS

# STATE ENFORCEABLE (PENDING SIP IMPLEMENTATION)

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Facility Name McDonnell Dou	glas Corporation	County No. Pla		Plant No.	0010	Year Submitted 1997		
	No. Plant-wide	Emission Unit No. Plan	ıt-wide	Applicable Requi	rement:	10 CSR 10-6.260		
5. Compliance Demonstration Methods (Testing, Monitoring, Recordkeeping, Reporting, etc.)								
	Applicable Method		20/300000000000000000000000000000000000	Basis of Complia	ance Metho	d		
	Testing	Monitoring		✓ A	pplicable Re	equirements		
_/	Recordkeeping	Reporting	250	G	Sap Filling			
Testing	Testing							
	Describe any tests which have been performed to quantify emissions. Include the date of the test, methods and procedures used, testing company, operating conditions existing during the test and summary of results.							
Date	Test Method	Firm		Operating Condit	tions	Summary of Resi	alts	
	N.A.							
Recordkee	ping						of time records are retained	
List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.								
Parameter (dat	a) Being Recorded	Measurement Me	ethod		Frequenc	;y	Record Retention	
9	See Attachment B		See Attachmen	at B		-		
Monitoring							I I I I I I I I I I I I I I I I I I I	
		monitoring used, location of n	nonitor, pollutar	its being monitored, s	ampling free	quency and duration	utant(s) Being Monitored	
Monitoring Dev	vice Type	Location Descrip	otion			Foil	diant(3) being monitored	
	N.A.							
Sampling Freq	uency	Duration of Sam	pling	How Data Will Be	Reported			
_								
Reporting			Oll I for success	av of report submittel	e to the age	ancy.		
20-0-0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		equirements and provide the t		icy of report submittal	s to the age	Submittal F	reguency	
Reporting Req		1	itle of Report	N.A.		Jubilitair		
No routine reporting. Records shall be made available to the agency upon request.				1 <b>v.</b> ∕ <b>1.</b>		į	N.A.	
		any Alternate Compliance	Demonstration	Methods not listed	above and	label as EXHIBIT F	ORM OP - D05	
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05								

## McDonnell Douglas Corporation St. Charles, Missouri Tract V

#### ATTACHMENT B

# Form OP-D05 Compliance Determination Methods

10 CSR 10-6.260 Restrictions of Emission of Sulfur Compounds

#### Compliance with Section (3):

Section (3) restricts the sulfur dioxide, sulfur trioxide, and sulfuric acid emissions into the atmosphere over a consecutive three hour period from "new" and "existing" sources. (Section (3) does not cover indirect heating, lead smelter, or refining sources.) New sources are restricted to a sulfur dioxide emission limit of 500 ppm<sub>v</sub> and a sulfuric acid and/or sulfur trioxide emission limit of 35 mg/m³. Existing sources are restricted to a sulfur dioxide emission limit of 2,000 ppm<sub>v</sub> and a sulfuric acid and/or sulfur trioxide emission limit of 70 mg/m³.

Sources of sulfur compounds in Tract V are natural gas direct-fired combustion units. Since the sulfur compound emissions from these sources are very low, the emission limits of Section (3) are not being violated.

#### Compliance with Section (4):

Section (4) requires that sources of sulfur compounds meet the National Ambient Air Quality Standards established in 10 CSR 10-6.010. Unless a facility is applying for a special type of permit (i.e., PSD, etc.), any monitoring or modeling required to demonstrate compliance with this Section is normally performed by the regulatory agency using the information provided by the facility. McDonnell Douglas shall conduct any necessary modeling requested by the Missouri Department of Natural Resources for any new sources or modification to existing sources.

## McDonnell Douglas Corporation St. Charles, Missouri Tract V

#### ATTACHMENT B (continued)

Form OP-D05 Compliance Determination Methods

10 CSR 10-6.260 Restrictions of Emission of Sulfur Compounds

#### Compliance with Section (5) (C) 2.:

Section (5) regulates indirect heating sources and prohibits the burning of coal or fuel oil with a sulfur content greater than 2 % during the months of October through March. For the other months of the year, a facility is allowed to burn coal and fuel oil that contains 4% sulfur or less. (A facility is not subject to these requirements if it can demonstrate that its sulfur dioxide emissions do not exceed 2.3 lb/MMBtu of heat input.)

McDonnell Douglas is in compliance with this section of the rule for fuel oil and natural gas combustion. Fuel oil is primarily used as a back-up fuel for several of the larger boilers. McDonnell Douglas has and will continue to purchase low sulfur fuel oil to meet the limits of this rule. McDonnell Douglas is exempt from the requirements of Section (5) for its natural gas fired sources since the sulfur dioxide emissions from natural gas are significantly less than 2.3 lb/MMBtu (i.e., 0.0006 lb/MMBtu per AP-42).

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STATE ENFORCEABLE

Facility Name McDonnell Douglas Corporation			County No.	4160 0010			Year Submitted 1997	
Lilligatori i dire ito. Di bi e vi		T-506-20 T-598-01	Applicable Requi	rement: 1	0 CSR 10-5.443			
5. Compli	ance Demonstration Me	thods (Testing, Monitoring	g, Recordkeepin	g, Reporting, etc.)				
Check the	Applicable Method	***************************************		Basis of Complia				
	Testing	✓ Monitoring			✓ Applicable Requirements			
	Recordkeeping	Reporting		G	ap Filling			
Testinç							and testing company	
	Describe any tests which operating conditions exis	have been performed to qu ting during the test and sum	nantify emissions. Simary of results.					
Date	Test Method	Firm		Operating Condit	ions S	ummary of Resu	ults	
	N.A.			i	`			
Record	Recordkeeping  List parameters for which records are being maintained, the frequency of such records (hourly, daily, etc.) And the length of time records are retained from the date of entry. For each recorded parameter include the method of measurement.							
Parameter (dat	a) Being Recorded	Measurement Me			Frequency	** * * * - *	Record Retention	
RVP of gasoline delivered between 6/1 and 9/15 or oth shipn		and 9/15 or other docume shipment showin	or other documents which accompany a gasoline shipment showing that the RVP is less than or equal du		1	-	5 years	
Monito	rina							
	Describe any emission r	nonitoring used, location of r	monitor, pollutants	being monitored, s	ampling freque	ency and duration	, and data reporting method. lutant(s) Being Monitored	
Monitoring De	vice Type	Location Descri	ption			Poli	lutant(s) being Monitored	
record keeping section	as identified in the abov	pe						
Sampling Frequency Duration of Sam			pling	How Data Will Be	Reported			
Reporting								
Describe all reporting requirements and provide the title and frequency of report submittals to the agency.								
Reporting Rec	uirement		Title of Report			Subillitial F		
No routine reporting required. Records shall be provided to MDNR personnel upon request.				N.A.			N.A.	
Attach description for any Alternate Compliance Demonstration Methods not listed above and label as EXHIBIT FORM OP - D05						FORM OP - D05		

Facility Name McDonnell Douglas Corp	oration	County No. 4160					
Completion		ting permit forms package is mandatory for all sources. s form once for each application.					
1. Compliance status w	ith all applicable requirem	ents effective at the tin	ne of the issuance of th	nis permit.			
	compliance with all applicab uirements for the duration of		ne of the permit issuance	and continue to			
Yes: <u>✓</u>	No:	(If No, Complete the Tab	ole I)				
	Schedule fo	or Achieving Compliance	Table I	100000			
Applicable Requirement for Which Compliance is Not Achieved	How Will Compliance Be Achieved With This Applicable Requirement?	Detailed Schedule Of Compliance Step Date	Frequency for Submittal of Progress Repor (6 Month Minimu	for Submittal of ts Progress Reports			
		1	i				
		1					
		1	/				
			1				
	-						
			1				
	-		1				
)							
			/				
2. Future Effective Compli							
Will your facility be in con requirements on a timely	npliance with all applicable req basis?	uirements taking effect duri	ng the term of the permit ar	nd meet such			
Yes: 🗸	No	(If No, Complete the Tat	ole II)				
	Schedule fo	or Achieving Compliance	Table II				
Applicable Requirement NOT be Comp			ule To Compliance (See I				
NOT be comp	med With	Step		Date /			
	1		•	1 1			
				1 1			
	9.02			1 1			
			·····	1 1			
				1 1			
				1 1			

Section E

FORM OP - E01 COMPLIANCE PLAN/STATUS

acility Name	County No.	Plant No.	Year Submitted
CDonnell Douglas Corporation	4160	0010	1997
Complete this form once per app	plication with respect to all a (See Instructions)	pplicable requiremen	ts at the source.
. Schedule for submission of complianc	e certification during the pe	rmit term	
Frequency of Submittals	Annually		Beginning Date January 1, 199
Statement of compliance with enhance	ed monitoring and complian	ce certification	
Is the Air Contaminant Source Identifie Monitoring and Compliance Certification		pliance With All Appl	icable Enhanced
Yes: ✓ (See Note No: Below)	(If No, Describe W	hich Requirements Ar	re NOT Being Met)
Desc	cription of Requirement Not	Being Met	
Note: The Compliance Assurance Monito	ring Rule has not been finali	zed by EPA. McDonn	
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5-5-97

John J. Van Gels

(Typed or printed):

Signature:

Name

# **State of Missouri** Application for Authority to Operate Completeness Checklist

FORM OP - F02 COMPL	ETENES	S CHEC	KLIST		Section F
Facility Name			County No.	Plant No.	Year Submitted
McDonnell Douglas Corporation			4160	0010	1997
Put a check mark - ✓ on the Chec	klist Line	Number at	ter completion of each	item and section.	
<b>SECTION A - GENERAL APP</b>	LICATIO	N INFOR	MATION		
Part 1 - Facility Information	Agency	Use Only	Information required	for an administrativ	rely complete
Tare Facility Information			application		<u></u>
✓ Line 1:	Y:	N:	Facility Name, County	Number, Plant Numb	per, Year Submitted
✓ Line 2:	Y:	N:	Facility Street Address	, County Name	
✓ Line 3:	Y:	N:	City, State, Zip Code &	Facility Phone Numb	ber
Line 4:	Y:	N:	Facility Mailing Addres	s & Fax Number	
/ Line 5:	Y:	N:	City, State, Zip Code &	Missouri Senatorial	District
_ ✓ Line 6:	Y:	N:	Contact Person Name	•	
_ ✓ Line 7:	Y:	N:	Contact Person Title &	Section, Township 8	Range Information
Completed <u>✓</u>	Y:	N:			
Part 2 - Parent Company Information					
✓ Line 8:	Y:	N:	Parent Company Name	e, Contact Person Na	ame & Phone Number
Line 9:	Y:	N:	Parent Company Name	e, Contact Person Na	ame & Phone Number
Completed ✓	Y:	N:			
Part 3 & 4 - Type of Application					
✓ Line 10:	Y:	N:	Checked one type only	1	
✓ Line 11:	Y:	N:	Checked one type only		
Completed ✓	Y:	N:			
Part 5 - Applicant's Certification					
Statement Statement					
✓ Line 12:	Y:	N:	Signature of Responsi	ble Company Official	& Dated
✓ Line 13:	Y:	N:	Type or Print Signer's	Name	
✓ Line 14:	Y:	N:	Official Title of Signer		e Number
Completed ✓	Y:	N:			
Part 6 & 7 - Product & Process Information and 2 digit SIC Code					
/ Line 15:	Y:	N:	Principle Product, and	its 2 digit SIC Code.	
Line 16:	Y:	N:	Process Type(s), and	their 2 digit SIC Code	e(s).
Completed	Y:	N:			
Part 8 - Alternative Operating Scenarios					
✓ Line 17:	Y:	N:	·		
Completed	Y:	N:	Answered Yes or No,	Checked Appropriate	e Space.
780-1519 (REV. April 11, 1996)				300	Page F02-1

FORM OP - F02 COMPLETENESS CHECKLIST - CONTINUED

SECTION A - GENERAL APPLICATION INFORMATION							
t 9 - EIQ Submittal		Agency Us	se Only				
Line 18:	Y:	N:		Answered Yes or No. If Yes, indicated date of most recent			
NA Line 19:	-Y:	N:	NA:	If No, Submitted the block checklist indicating the type and			
5.1				number of EIQ forms sent with application.			
Completed <u>√</u>	Y:	N:					
Part 10 - Number and Type of Forms Used For Each Product				,			
✓ Line 20:	Y:	N:		Submitted the block checklist indicating the type and number forms completed in this application for each major product type.			
Completed ✓	Y:	N:		,			
Part 11 - Applicable Requirements							
Line 21:	Y:	N:		Submitted a list of Applicable Requirements that apply to this facility			
Completed/_	Y:	N:					
SECTION B - EMISSIONS INVENTO	DRY						
Complete this section if you are re	equired to	submit t	wo copies of E	IQ with this application.			
Part 1 - EIQ (Emissions Inventory Questionnaire)							
✓ Line 22:	Y:	N:		Submitted most recent EIQ with this Application.			
Line 23:	Y:	N:	NA:	Quantification of all emissions in tons per year.			
✓ Line 24:	Y:	N:	NA:	Emission Points identified and descriptions detailed.			
Completed/	Y:	N:					
SECTION C - INSIGNIFICANT	T ACTIV	/ITIES					
Part 1 - Activities Not Required to be Listed							
<u>✓ Line 25:</u>	Y:	N:		Facility Name, County Number, Plant Number, Year Submitted.			
✓ Line 26:	Y:	N:	NA:	Submitted a completed checklist.			
Completed ✓_	Y:	N:					
Part 2 - Activities Required to be Listed							
Line 27:	Y:	_ N:		Facility Name, County Number, Plant Number, Year Submitted.			
✓ Line 28:	Y:	N:	NA:	Submitted a completed block checklist			
Completed/	Y:	N:					
Part 3 - List of Insignificant Activities							
	Y:	_ N:		Facility Name, County Number, Plant Number, Year Submitted.			
Line 30:	Y:	_ N:	_ NA:	Emission Unit #, Number of Activities (Grouped), Pollutant(s) Emitted, Estimated Emissions (Tons/Yr).			
✓ Line 31:	Y:	_ N:	_ NA:	Description of Activity			
Completed/_	Y:	N:					

# FORM OP - F02 COMPLETENESS CHECKLIST - CONTINUED

SECTION D - EMISSION UNIT INFORMATION							
Part 1 - Existing Plant -Wide Permit	į	Agency Us	e Only				
Line 32:	Y: _	N:	_	Facility Name, County Number, Plant Number, Year Submitted.			
Line 33:	Y: _	N:	_NA:	Permit No. and Applicable Permit Conditions are Listed.			
NALine 34:	Y: _	N:	_NA:	Compliance Demonstration Method and Description of Methods of Compliance is Provided.			
Completed/_	Υ: _	N:	_	or meanage or compliance for fortuge.			
Part 2 - Proposed Plant -Wide Permit Conditions							
Line 35:	Y: _	N:	_	Facility Name, County Number, Plant Number, Year Submitted.			
NA Line 36:	Y: _	N:	_NA:	Any Proposed Plant-Wide Permit Conditions are Listed.			
NA Line 37:	Y: _	N:	_NA:	Compliance Demonstration Method and Description of Methods of Compliance is Provided.			
Completed	Y:_	N:					
Part 3 - Emission Unit Information							
/ Line 38:	Y: _	N:	_	Facility Name, County Number, Plant Number, Year Submitted.			
Line 39:	Y: _	N:	_	Emission Point No., Emission Unit No., Source Classification Code.			
Line 40:	Y: _	N:	_	Description of Unit, Manufacturer & Model No., Date of Manufacture, Stack ID, Maximum Design Rate/Capacity.			
Line 41:	Y: _	N:	_	Alternate Operating Scenario? Total Maximum  Design Rate/Capacity.			
Completed/	Y: _	N:	_	a congression,			
Part 4 - Alternate Operating Scenario (Flexible Permits)							
/ Line 42:	Y: _	N:	_NA:	Alternate Operating Scenario ID, SIC Code for Scenario.			
✓ Line 43:	Y:	N:	NA:	Description of Alternate Operating Scenario.			
✓ Line 44:	Y: -	N:	NA:	Operational Flexibility ensure emissions trades			
	-			among Emission Units in the facility made w/o permit revision are QUANTIFIABLE & ENFORCEABLE under 70.4(b)(12)			
Line 45:	Y: _	N:	NA:	Alternative Scenarios Identified & DO NOT REQUIRE Permit Revisions for: (Circle Appropriate Items)  A) Facility Emissions Information B) Control Device Requirements C) Any Applicable Requirements D) Monitoring, Recordkeeping & Reporting Requirements			
Completed	Y:	N:	_	E) Compliance Certification Requirements			

SECTION D - EMISSION UNIT INFORMATION								
t 5 - Voluntary Permit	Agency Use Only							
NA Line 46:	.Y: N: NA:	Conditions Requested, Description, Limitation, Pollutant Controlled.						
Completed/	Y: N:	Pollutant Controlled.						
Part 6 - Applicable Requirements								
Line 47:	Y: N:	Facility Name, County Number, Plant Number, Year Submitted						
Line 48:	Y: N:	Emission Point No., Emission Unit No. Pollutant, Applicable Requirement Authority, Emission Limit or Standard, Unit of Emission Limit or Standard, Compliance Determination Method.						
Completed/	Y: N:							
Part 7 - Compliance Determination Methods Line 49:	Y: N:	Facility Name, County Number, Plant Number, Year						
Line 50:	Y: N:	Submitted Emission Point No., Emission Unit No. Applicable Requirement.						
Line 51:	Y: N:	Applicable Method and Basis of Compliance Method checked						
✓ Line 52:	Y: N:	Test Method - Date, Test Method, Firm, Operating Conditions, Summary of Results.						
Line 53:	Y: N:	Recordkeeping - Parameter (Data) Being Recorded, Measurement Method, Frequency, Record Retention Period.						
✓ Line 54:	Y: N:	Monitoring - Device Type, Location Description, Pollutant(s) Being Monitored.						
	Y: N:	Monitoring - Sampling Frequency, Duration of Sampling, How Data Will be Reported.						
Line 56:	Y: N:	Reporting - Reporting Requirement, Title of Report, Submittal Frequency.						
Completed	Y: N:	,						
SECTION E - COMPLIANCE	CERTIFICATION							
Part 1 - Compliance Plan/Status								
Line 57:	Y: N:	Facility Name, County Number, Plant Number, Year Submitted.						
Line 58:	Y: N:	Will facility be in compliance at time of permit issuance?						
Completed/	Y: N:							

FORM OP - F02

**COMPLETENESS CHECKLIST - CONTINUED** 

SECTION E - COMPLIANCE		
If not in compliance at time of	Agency Use Only	
ellowing:		
iollowing:	V.	Named applicable requirement for which assets
NA Line 59:	Y: N:	Named applicable requirement for which compliance is not achieved.
NA Line 60:	Y: N:	Described how compliance will be achieved with
		applicable requirement.
_NA_ Line 61:	Y: N:	Give detailed schedule of compliance.
NA Line 62:	Y: N:	Frequency for submittal of progress reports.
NA Line 63:	Y: N:	Start date of submittal of progress reports
Completed NA	Y: N:	
·		
Part 2 - Compliance Plan/Status		AAGII faailib, ba in aanstinaa vadd.
Line 64:	Y: N:	Will facility be in compliance with all applicable requirements taking effect during the term of the
		permit & meeting such requirements on a timely
]		basis.
Completed ✓	Y: N:	
If not in compliance for future		
requirements complete the following:		
✓ Line 65:	Y: N: NA:	List of applicable requirements which will not be
1		complied with during the term of the permit by the
<u></u>	V.	facility.
✓ Line 66:	Y: N: NA:	Give detailed schedule leading to compliance.
Completed	Y: N:	
Part 3 - Compliance		
Certification Statement		1
✓ Line 67:	Y: N:	Frequency of Submittal schedule complete for permit
		and beginning date.
Completed	Y: N:	
Part 4 - Statement of		
Compliance with Enhanced		
Monitoring & Certification		
✓_ Line 68:	Y: N:	Statement of Compliance Answered Yes or No
Line 69	Y: N:	If answer no then description given of requirements
Completed	Y: N:	which are not being met.
Part 5 - Certification of	The state of the s	
Compliance with All Applicable	The same of the sa	
Requirements		
✓ Line 70:	Y: N:	Certification of Compliance statement signed and
		dated by Responsible Official.
<u> </u>	Y: N:	Typed or Printed Name on Statement.
Completed/	Y: N:	
		-
	Reviewer's Signature	Official Use Only Date
130	Troviewor a digitature	- Date